

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for clarifying an optical/digital image of an object to perform a procedure on an object, comprising the steps of:

- (a) applying to said object a light beam formed of incoherent light and reflecting said applied incoherent light beam from said object to provide a reflected light beam;
- (b) providing electrical signals representative of said reflected light beam;
- (c) determining an image quality metric in accordance with said electrical signals;
- (d) determining an image in accordance with said image quality metric; and
- (e) performing said procedure in accordance with said image quality metric.

2. (Previously Presented) The method for clarifying an optical/digital image of an object

Claim 1, comprising the further steps of:

- (a) applying to said object a further light beam and reflecting said further light beam from said object to provide a further reflected light beam;
- (b) providing a further image in accordance with said further reflected light beam; and

(c) superimposing said image and said further image to provide a composite image.

3. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 2, comprising the further step of performing said procedure in accordance with said composite image.

4. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 3, comprising the further step of applying said image and said further image to a superposition screen in order to provide said composite image.

5. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 4, comprising the further step of optimizing at least one of said image and said further image to provide an optimized image.

6. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 5, wherein said object has a selected feature comprising the further step of optimizing said at least one of said image and said further image to emphasize a visualization of said selected feature.

7. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 5, wherein said object has a selected feature comprising the further step of optimizing said at least one of said image and said further image to de-emphasize a visualization of said selected feature.

8. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 7, wherein said object is an eye comprising the further step of de-emphasizing a visualization of blood.

9. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 6, comprising the further step of adjusting an amount of emphasizing of said visualization during a performance of said procedure.

10. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 9, comprising the further step of adjusting an amount of emphasizing of said selected feature by adjusting the relative contributions of said image and said further image to said composite image.

11. (Previously Presented) The method for clarifying optical/digital images of an object of Claim 5, comprising the further steps of:

- (a) applying a perturbation to said image quality metric to provide a perturbed image quality metric; and
- (b) determining whether a predetermined image quality is obtained in accordance with said perturbed image quality metric.

12. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 3, wherein said object is an eye and said procedure is an ophthalmological procedure.

13. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 12, wherein said ophthalmological procedure comprises photocoagulation for performing said photocoagulation within an eye.

14. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 12, wherein said ophthalmological procedure comprises an optical biopsy for performing said optical biopsy within an eye.

15. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 12, wherein said ophthalmological procedure comprises a measurement for performing said measurement within an eye.

16. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 12, comprising the further step of determining a location within an eye.

17. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 1, wherein said object is an eye having an iris, comprising the further steps of:

- (a) providing an iris biometric image of said eye in accordance with said image quality metric; and
- (b) determining a location within said eye in accordance with said iris biometric image.

18. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 17, comprising the further step of determining a location within said iris in accordance with said iris biometric image.

19. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 17, comprising the further step of determining an orientation of said iris in accordance with said iris biometric image.

20. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 17, comprising the further step of identifying said iris in accordance with said iris biometric image.

21. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 20, comprising the further step of identifying an iris of a patient within an ophthalmological procedure in accordance with said iris biometric image.

22. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 20, comprising the further step of identifying an iris of a person within a security verification in accordance with said iris biometric image.

23. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 1, wherein said object is an article of manufacture comprising the further step of identifying said article of manufacture in accordance with said iris biometric image.

24. (Previously Presented) The method for clarifying an optical/digital image of an object of Claim 23, comprising the further step of controlling a manufacturing process in accordance with said identifying of said article of manufacture.

Please add new claims 25-39.

25. (New) A method for performing a procedure on a patient, comprising:

(a) obtaining a biometric image representative of said patient; and

(b) performing said procedure on said patient in accordance with said biometric image.

26. (New) The method for performing a procedure on an patient having an iris of Claim 25, wherein said patient has an iris and said biometric image comprises an iris biometric image.

27. (New) The method for performing a procedure on an patient of Claim 26, wherein said patient has an iris and said procedure comprises a medical procedure.

28. (New) The method for performing a procedure on an patient of Claim 26, further comprising:

(a) obtaining first and second iris biometric images; and
(b) comparing said first and second iris biometric images to provide a biometric comparison result.

29. (New) The method for performing a procedure on an patient of Claim 28, further comprising identifying a patient in accordance with said biometric comparison result.

30. (New) The method for performing a procedure on an patient of Claim 28, wherein said patient has at least one feature and said feature is represented within at least one of said first and second iris biometric images.

31. (New) The method for performing a procedure on an patient of Claim 30, further comprising identifying an iris in accordance with said at least one feature.

32. (New) The method for performing a procedure on an patient of Claim 31, further comprising performing a medical procedure in accordance with said identifying.

33. (New) The method for performing a procedure on an patient of Claim 30, further comprising determining a location of said iris in accordance with said at least one feature.

34. (New) The method for performing a procedure on an patient of Claim 30, further comprising determining an orientation of said iris in accordance with said at least one feature.

35. (New) The method for performing a procedure on an patient of Claim 30, further comprising altering a relative location of said iris in accordance with said at least one feature.

36. (New) The method for performing a procedure on an patient of Claim 27, further comprising performing a surgical procedure in accordance with an iris biometric image.

37. (New) The method for performing a procedure on an patient of Claim 27, further comprising performing a diagnosis on said patient in accordance with an iris biometric image.

38. (New) The method for performing a procedure on an patient of Claim 27, further comprising translating said patient within a coordinate system in accordance with an iris biometric image.

39. (New) The method for performing a procedure on an patient of Claim 27, further comprising performing said medical procedure upon an eye of said patient in accordance with an iris biometric image.